



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.: 09/005,318  
Applicant(s): Hein et al.  
Filed: January 9, 1998  
Art Unit: 1647  
Examiner: David S. Romeo  
Title: NOVEL EPITHELIAL TISSUE TARGETING AGENT

Confirmation No.: 2353

Docket No.: 040989/283662  
Customer No.: 00826

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97(c)**

Sir:

Attached is a list of documents on form PTO-1449 along with a copy of any cited foreign patent documents and non-patent literature document in accordance with 37 CFR 1.98(a)(2). Also enclosed is a translation or a concise explanation of each non-English language document.

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By identifying the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead identifying the listed documents for the sake of full disclosure.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.

In accordance with the requirements of 37 C.F.R. § 1.97(c), the following statement as specified in 37 C.F.R. § 1.97(e) is made:

No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this

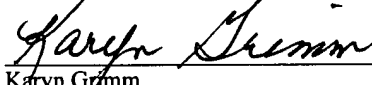
In re: Hein *et al.*  
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Filed: January 9, 1998  
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statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three (3) months prior to the filing of this information disclosure statement.

Respectfully submitted,



Edward R. Ergenzinger  
Registration No. 47,549

<p><b>Custom er No. 00826</b> <b>ALSTON &amp; BIRD LLP</b> Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000 Tel Raleigh Office (919) 862-2200 Fax Raleigh Office (919) 862-2260</p>	<p style="text-align: center;">CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 7, 2006.</p>  Karyn Grimm
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Substitute for form 1449/PTO  
(Revised 07/2005)

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	09/005,318
Filing Date	January 9, 1998
First Named Inventor	Hein
Group Art Unit	1647
Examiner Name	Romeo, David S.
Attorney Docket Number	040989/283662

Sheet 1 of 1

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached

### OTHER DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	1	HEXHAM, J., <i>et al.</i> , "A Human Immunoglobulin (Ig)A Cα3 Domain Motif Directs Polymeric Ig Receptor-Mediated Secretion," <i>J. Exp. Med.</i> , 1999, pp. 747-751, Vol. 189(4), The Rockefeller University Press.	
	2	JOHANSEN, F., <i>et al.</i> , "The J Chain is Essential for Polymeric Ig Receptor-Mediated Epithelial Transport of IgA," <i>Journal of Immunology</i> , 2001, pp. 5185-5192, The American Association of Immunologists.	
	3	VAERMAN, J., <i>et al.</i> , "Antibody Against the Human J Chain Inhibits Polymeric Ig Receptor-Mediated Biliary and Epithelial Transport of Human Polymeric IgA," <i>Eur. J. Immunol.</i> , 1998, pp. 171-182, Vol. 28, WILEY-VCH Verlag GmbH, Weinheim, Germany.	
	4	WHITE, K.D. and J.D. CAPRA, "Targeting Mucosal Sites by Polymeric Immunoglobulin Receptor-Directed Peptides," <i>J. Exp. Med.</i> , 2002, pp. 551-555, Vol. 196(4), The Rockefeller University Press.	

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.